

International Decommissioning Network

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„The first ten years”

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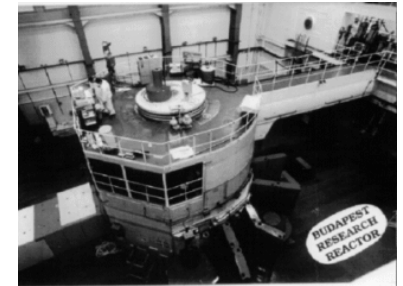
PURAM

- Fully state-owned
- Non-profit Agency
- Established by GD of HAEA
- Set up 2 June 1998

Nuclear facilities in Hungary

Nuclear facilities in Hungary

- Paks NPP
- Interim Spent Fuel Storage
- Budapest Research Reactor
- Budapest Training Reactor



The current state of decommissioning

- Decommissioning is not an actual task
- No nuclear facilities in the stage of decommissioning



Milestones of the first ten years

1998 – PURAM

1999 – The first formulation of the lack of unit factors

1999 – A Proposed Standardised List of Items for Costing Purposes

2001 – TND – Thematic Network on Decommissioning

2003 – EC DB COST and EC DB TOOL

2003 – 1st Revision of the Preliminary Decommissioning Plan

2004 – EU Membership

2004 – IAEA – DeSa project

2005 – Definition of the Decommissioning Data Base

2005 – IAEA Expert mission – Review of Hungarian Data Base for decommissioning

2005 – Standard Format and Content for Safety Related Decommissioning Documents

2005 - Activation calculations

2006 – IAEA Expert Mission – Review of Paks activation characterization programme

2006 – EC – Co-ordination Network on Decommissioning

2007 – IDN

2007 – Start of the data collection

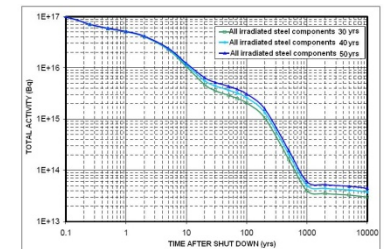
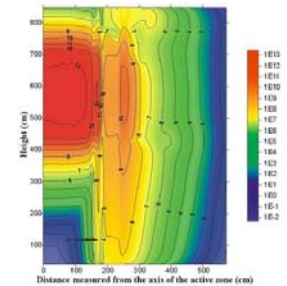
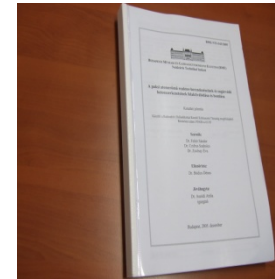
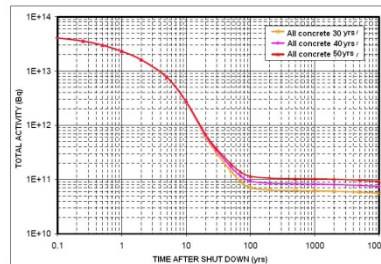
2008 – 2nd Revision of the Preliminary Decommissioning Plan

2008 – Unit factors are available



Lessons learned

- Room oriented Decommissioning Data Base
 - 3 years project
 - ~2.8 M€
- Activation calculations [1]
- Cost benefit analysis



- Reactor core and internals – we will see

The first year of the IDN

- New information
- Evaluation of the activity



[3]



[2]

- Decommissioning Data Base with unit factors !?

References

- [1] A paksi atomerőmű reaktor-berendezéseinek és sugárvédő betonszerkezeteinek felaktiválódása és bomlása, Dr. Fehér Sándor, Dr. Czifrus Szabolcs, Dr. Zsolnay Éva, Budapest, 2005. december
- [2] Einsatz der Lasertechnik, EWN GmbH, Informationszentrum, Lubmin, Germany
- [3] IAEA Workshop on WM&C – Spain, Vandellos- 1 NPP

Thank you for your attention !